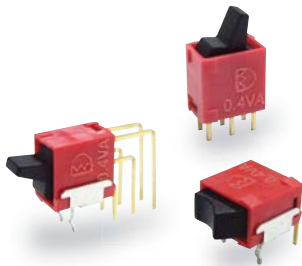


4U Series

Sub-Miniature Rocker Switches



SPECIFICATIONS

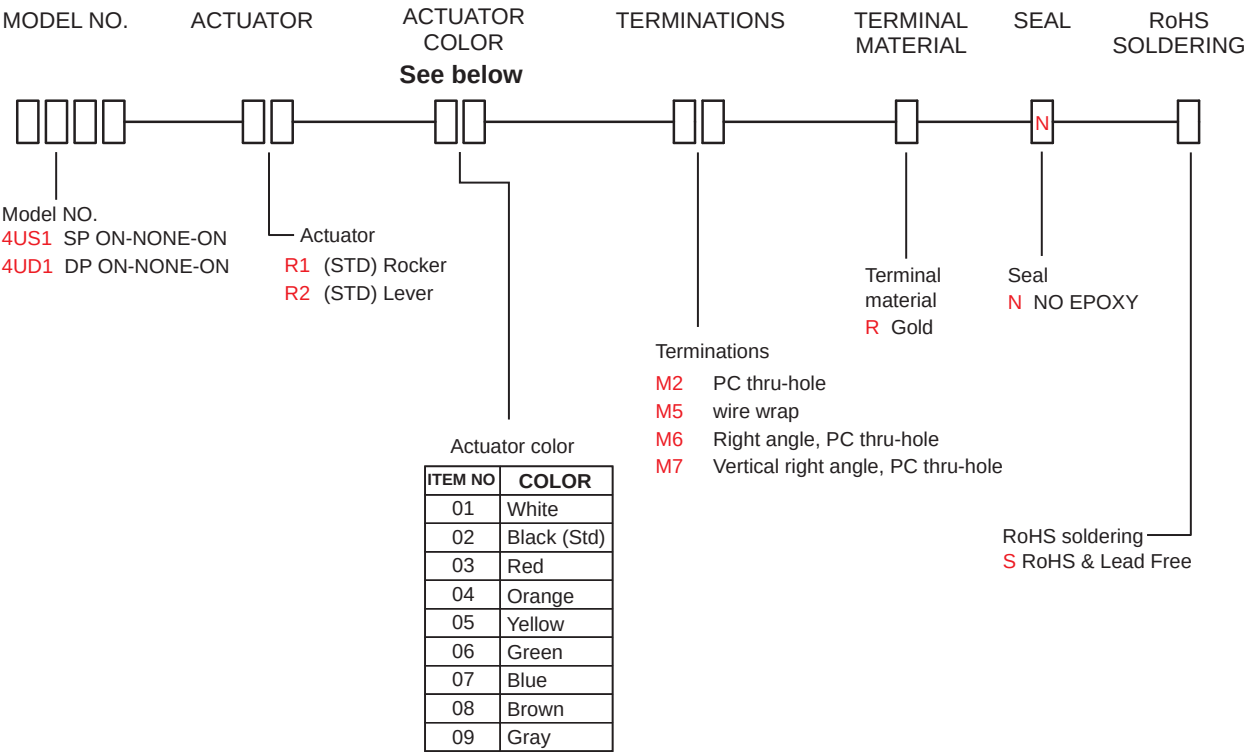
- CONTACT RATING: 0.4 VA max. @ 20 V AC or DC max.
- MECHANICAL LIFE: 40,000 make-and-break cycles.
- CONTACT RESISTANCE: 100 mΩ typ. initial @ 2-4VDC,100mA.
- INSULATION RESISTANCE: DC500V 500 MΩ.
- DIELECTRIC STRENGTH: 500 Vrms min@sea level.
- OPERATING TEMPERATURE: -30°C to 85°C.

MATERIALS

- CASE & BUSHING : Glass filled nylon 6/6,flame retardant, heat stabilized (UL94V-0).
- ACTUATOR: Nylon,black std.
- SWITCH SUPPORT: Brass or steel,tin plated.
- CONTACT: Phosphor bronze,Gold plated.
- TERMINALS: Brass,Gold plated.



HOW TO ORDER



* Besides standard color,
other colors need to check stocks available.

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	4US1	ON	NONE	ON	5-6	N/A	5-4
DP	4UD1	ON	NONE	ON	5-6,2-3 	N/A	5-4,2-1

4U Rocker Switches

Technical drawing of a 1/2 inch diameter ballpoint pen nib. The drawing shows two views: a side view and a cross-sectional view. Dimensions are provided in inches and millimeters.

Side View Dimensions:

- Top width: .177 (4.50)
- Top width: .118 (3.00)
- Top width: .008 (0.20 Typ)
- Top width: .276 (7.00)
- Bottom width: .197 (5.00)
- Bottom width: .010 (0.25 Typ)

Cross-sectional View Dimensions:

- Top width: .091 (2.30)
- Bottom width: .053 (1.34)
- Angle: 28°

Technical drawing of a mechanical part with dimensions in inches and millimeters. The drawing includes a side view and a detail view of a corner.

Dimensions:

- Top horizontal dimension: .177 (4.50)
- Top horizontal dimension: .118 (3.00)
- Left vertical dimension: .008 (0.20 Typ)
- Left vertical dimension: .276 (7.00)
- Bottom horizontal dimension: .010 (0.25 Typ)
- Bottom horizontal dimension: .197 (5.00)
- Detail view angle: 28°
- Detail view horizontal dimension: .150 (3.80)

Part No. Shown : 4US1R102M2RNS

Mechanical drawing of a 0.4VZ diode. The drawing includes a perspective view of the component and two orthographic views (top and side) with dimensions in inches and millimeters. The top view shows a rectangular body with a circular top surface. The side view shows the profile of the diode with a 28° angle. Dimensions include: .008 (0.20 Typ) for the top surface height, .276 (7.00) for the body width, .177 (4.50) for the body length, .118 (3.00) for the body thickness, .197 (5.00) for the body height, .020 (0.50 Typ) for the lead thickness, .100 (2.54 Typ) for the lead width, .102 (2.60) for the lead height, .276 (7.00) for the lead length, .150 (3.80) for the lead diameter, and .100 (2.54) for the lead spacing. The diode is labeled 0.4VZ.

Part No. Shown : 4UD1R202M2RNS

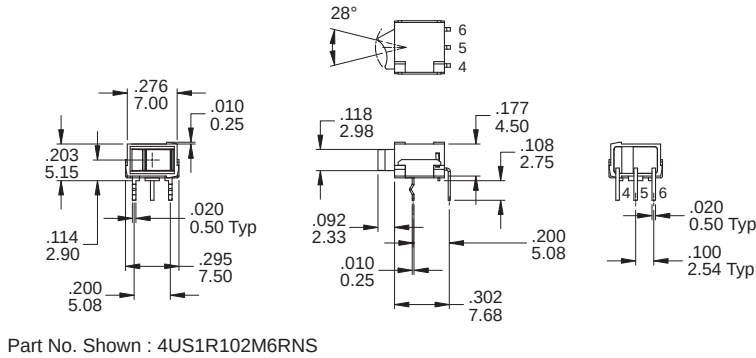
4U Series

Sub-Miniature Rocker Switches

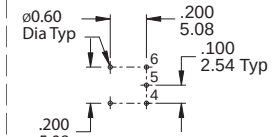
M6



SPDT



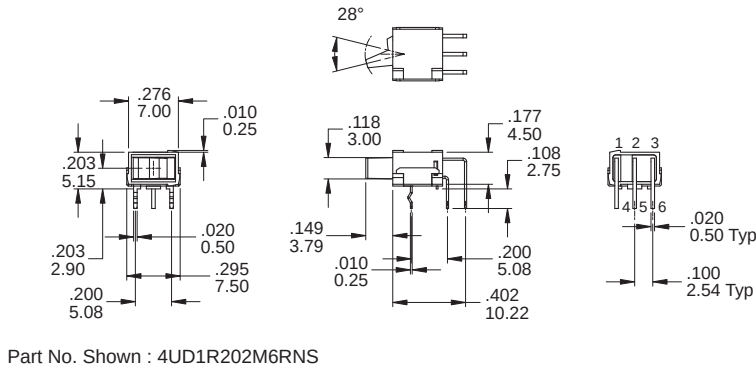
P.C. MOUNTING



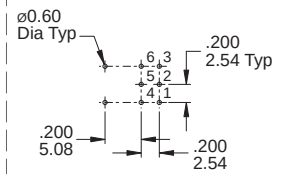
M6



DPDT



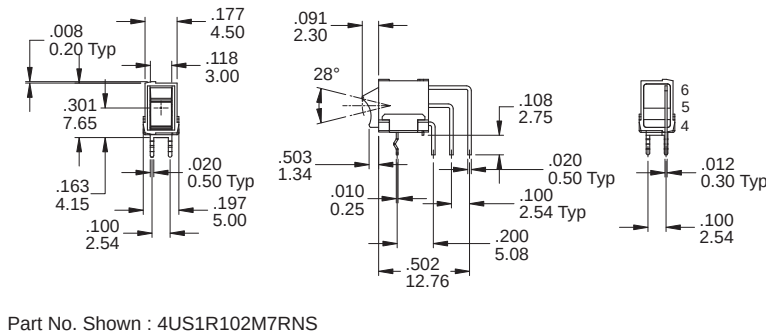
P.C. MOUNTING



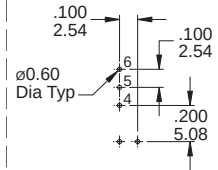
M7



SPDT



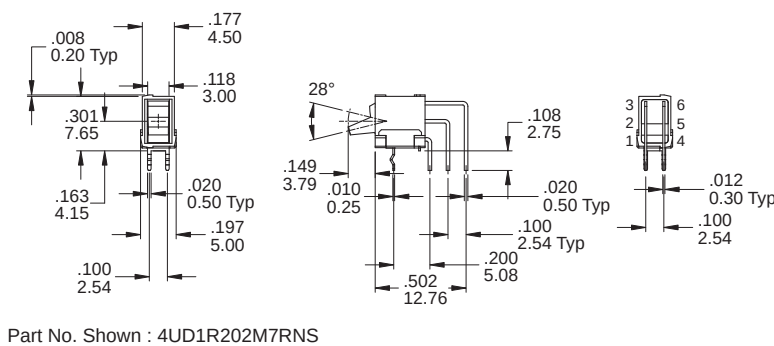
P.C. MOUNTING



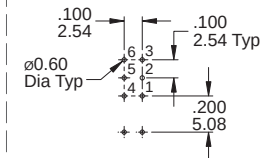
M7



DPDT



P.C. MOUNTING



SOLDERING PROCESSES

WAVE SOLDERING: Recommended Soldering Temperature: $270 \pm 5^{\circ}\text{C}$

Duration of Solder Immersion: Max 5 sec. (PCB is 1.6mm in thickness)